

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	69	607/16.ccls.	US-PGPUB; USPAT	OR	ON	2009/11/16 09:35
S2	85	("3241556" "3640269" "3797485" "4162679" "4166470" "4230119" "4248214" "4309776" "4377704" "4404971" "4445892" "4562596" "4573966" "4581017" "4605399" "4661509" "4673563" "4736024" "4771777" "4827906" "4857552" "4923457" "4935004" "4962095" "5083564" "5087243" "5095903" "5096929" "5116851" "5124326" "5139789" "5152277" "5162374" "5176638" "5182102" "5229127" "5287861" "5290766" "5312344" "5320604" "5356427" "5425705" "5428039"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:37

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S3	3019	(ventric\$5 adj assist)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:48
S4	0	(ventric\$5 adj assist) and sjeet	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:48
S5	934	(ventric\$5 adj assist) and sheet	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:48
S6	10	(ventric\$5 adj assist) near7 sheet	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:48
S7	130	("20040010180" "20040059183" "20040078067" "20040102674" "20040116769" "20040167375" "20040225177" "20050113632" "20050148814" "2826193" "3034501" "3053249" "3233607" "3279464" "3371662" "3376863" "3449767" "3455298" "3478737" "3513836" "3587567" "3590815" "3613672"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:52

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S8	329	("3455298" "4192293" "4213207" "4536893" "4599083" "4621617" "4690134").PN. OR ("5131905").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:56
S9	310	S8 and ventricular	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:03
S10	252	S8 and (ventricular adj assist)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:04

S11	205	S8 and (ventricular adj assist) and ((surface adj heart) or (surface near3 muscle))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:04
S12	99	S8 and (ventricular adj assist) and ((surface adj heart) or (surface near3 muscle)) and polymer	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:04
S13	92	("20010016675" "2826193" "3053249" "3455298" "3513836" "3590815" "3613672" "3668708" "3713439" "3791388" "3827426" "3983863" "4192293" "4536893" "4621617" "4690134" "4809676" "4846831" "4904255" "4936857" "4957477" "5109843" "5119804" "5131905" "5139517" "5169381" "5192314" "5201880" "5256132" "5258021" "5334217" "5345949" "5358519" "5370685" "5383840" "5385528" "5484391" "5487760" "5533958" "5571176" "5581176" "5593424" "5655548" "5702343"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:09

		"5709695" "5713954" "5738626" "5738627" "5749883" "5800528" "5824071" "5910124" "5957977" "5961440" "6019722" "6045497" "6050936" "6059715" "6077214" "6085754" "6110100" "6123662" "6125852" "6162168" "6165119" "6165120" "6179791" "6183411" "6260552" "6261222" "6264602" "6293906" "6319231" "6324430" "6324431" "6332863" "6332864" "6332893").PN. OR ("6592619").URPN.				
S14	35	dubi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:27
S15	655	600/16-18.ccls. and (ventric\$5 adj assist)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:30
S16	618	600/16-18.ccls. and (ventric\$5 adj assist)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:30
S17	570	600/16-18.ccls. and (ventric\$5 adj assist) and pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:30
S18	452	600/16-18.ccls. and (ventric\$5 adj assist) and pressure and external	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:31
S19	17	600/16-18.ccls. and (external near4 (ventric \$5 adj assist)) and pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:31

S20	17	600/16-18.ccls. and (external near4 (ventric \$5 adj assist))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:39
S21	126	600/16-18.ccls. and (exterior near5 wall)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:39
S22	67	600/16-18.ccls. and ((exterior near5 wall) near5 heart)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:39
S23	45	(US-20060063964-\$ or US-20040010180-\$ or US-20040167375-\$ or US-20010016675-\$ or US-20060276683-\$). did. or (US-6101412-\$ or US-5087243-\$ or US-7494459-\$ or US-3034501-\$ or US-3513836-\$ or US-4621617-\$ or US-5119804-\$ or US-5131905-\$ or US-5169381-\$ or US-5533958-\$ or US-5558617-\$ or US-5738627-\$ or US-6076013-\$ or US-6095968-\$ or US-6432039-\$ or US-6540659-\$ or US-6572534-\$ or US-6602182-\$ or US-6626821-\$ or US-6682474-\$ or US-6730016-\$ or US-6808483-\$ or US-6045497-\$ or US-6183411-\$ or US-6402679-\$ or US-6409760-\$).did. or (US-6425856-\$ or US-6508756-\$ or US-6547821-\$ or US-6592619-\$ or US-6595912-\$ or US-3983863-\$ or US-5192314-\$ or US-5385528-\$ or US-5702343-\$ or US-5800528-\$ or US-6085754-\$ or US-6264602-\$ or US-6293906-\$ or US-7186210-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/16 10:43

S24	49	(US-20020056461-\$ or US-20020173693-\$ or US-20040158123-\$ or US-20060241334-\$ or US-20080021260-\$ or US-20080071134-\$). did. or (US-4573997-\$ or US-6077214-\$ or US-6183411-\$ or US-6360749-\$ or US-6477406-\$ or US-6511413-\$ or US-6685627-\$ or US-7390293-\$ or US-7558627-\$ or US-5417717-\$ or US-5961440-\$ or US-6050936-\$ or US-6112115-\$ or US-6162168-\$ or US-6165119-\$ or US-5020516-\$ or US-6045497-\$ or US-6059715-\$ or US-6165120-\$ or US-6179793-\$ or US-6260552-\$ or US-6261222-\$ or US-6264602-\$ or US-6332863-\$ or US-6332864-\$ or US-6387037-\$).did. or (US-6402679-\$ or US-6402680-\$ or US-6406420-\$ or US-6440078-\$ or US-6511412-\$ or US-6514194-\$ or US-6537198-\$ or US-6589160-\$ or US-6612978-\$ or US-6612979-\$ or US-6629921-\$ or US-6735532-\$ or US-6755777-\$ or US-6793618-\$ or US-6908424-\$ or US-6939303-\$ or US-7044905-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/16 10:44
S26	2	S23 and draining	US-PGPUB; USPAT	OR	ON	2009/11/16 10:53
S27	2	S24 and draining	US-PGPUB; USPAT	OR	ON	2009/11/16 10:54

S28	1	S24 and ((drain\$3 or remov\$4) near9 fluid)	US-PGPUB; USPAT	OR	ON	2009/11/16 10:55
S29	6	S23 and ((drain\$3 or remov\$4) near9 fluid)	US-PGPUB; USPAT	OR	ON	2009/11/16 10:55
S30	5	S23 and ((drain\$3 or remov\$4) near9 (blood or tissue))	US-PGPUB; USPAT	OR	ON	2009/11/16 10:58
S31	4	S23 and shunt	US-PGPUB; USPAT	OR	ON	2009/11/16 11:00
S32	37	S23 and valve	US-PGPUB; USPAT	OR	ON	2009/11/16 11:01
S33	14	600/16-18.ccls. and (exterior near5 wall) and shunt	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:02
S34	0	600/16-18.ccls. and ((exterior near5 wall) near10 drain\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:04
S35	626	600/16-18.ccls. and (ventric\$5 adj assist \$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:05
S36	0	600/16-18.ccls. and (ventric\$5 adj assist \$2) and (shunt near drain\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:05
S37	56	600/16-18.ccls. and (ventric\$5 adj assist \$2) and (shunt)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:05
S38	29	600/16-18.ccls. and (ventric\$5 adj assist \$2) and (shunt) and (mesh or cup or encasing or sleeve or wrap)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 11:06
S39	45	(US-20060063964-\$ or US-20040010180-\$ or US-20040167375-\$ or US-20010016675-\$ or US-20060276683-\$). did. or (US-6101412-\$ or US-5087243-\$ or US-7494459-\$ or US-3034501-\$ or US-3513836-\$ or US-4621617-\$ or US-5119804-\$ or US-5131905-\$ or US-5169381-\$ or US-5533958-\$ or US-5558617-\$ or US-5738627-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/11/16 11:08

		6076013-\$ or US- 6095968-\$ or US- 6432039-\$ or US- 6540659-\$ or US- 6572534-\$ or US- 6602182-\$ or US- 6626821-\$ or US- 6682474-\$ or US- 6730016-\$ or US- 6808483-\$ or US- 6045497-\$ or US- 6183411-\$ or US- 6402679-\$ or US- 6409760-\$).did. or (US- 6425856-\$ or US- 6508756-\$ or US- 6547821-\$ or US- 6592619-\$ or US- 6595912-\$ or US- 3983863-\$ or US- 5192314-\$ or US- 5385528-\$ or US- 5702343-\$ or US- 5800528-\$ or US- 6085754-\$ or US- 6264602-\$ or US- 6293906-\$ or US- 7186210-\$).did.				
S40	17	S23 and port	US-PGPUB; USPAT	OR	ON	2009/11/16 11:19
S41	15	S24 and port	US-PGPUB; USPAT	OR	ON	2009/11/16 11:23
S42	1	"20040267086".pn.	US-PGPUB; USPAT	OR	ON	2009/11/16 12:05
S43	60	"ventricular assist device" and ((surface near4 heart) or (heart near4 surface)) and (drain\$ near4 (blood or fluid))	US-PGPUB; USPAT	OR	ON	2009/11/16 12:08
S44	158	600/16-18.ccls. and "one way valve"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 12:22
S45	70	600/16-18.ccls. and "one way valve" and (sheet or mesh or sleeve)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 12:22

S46	47	(US-20060063964-\$ or US-20040010180-\$ or US-20040167375-\$ or US-20010016675-\$ or US-20060276683-\$ or US-20040267086-\$). did. or (US-6101412-\$ or US-5087243-\$ or US-7494459-\$ or US-3034501-\$ or US-3513836-\$ or US-4621617-\$ or US-5119804-\$ or US-5131905-\$ or US-5169381-\$ or US-5533958-\$ or US-5558617-\$ or US-5738627-\$ or US-6076013-\$ or US-6095968-\$ or US-6432039-\$ or US-6540659-\$ or US-6572534-\$ or US-6602182-\$ or US-6626821-\$ or US-6682474-\$ or US-6730016-\$ or US-6808483-\$ or US-6045497-\$ or US-6183411-\$ or US-6402679-\$ or US-6409760-\$).did. or (US-6425856-\$ or US-6508756-\$ or US-6547821-\$ or US-6592619-\$ or US-6595912-\$ or US-3983863-\$ or US-5192314-\$ or US-5385528-\$ or US-5702343-\$ or US-5800528-\$ or US-6085754-\$ or US-6264602-\$ or US-6293906-\$ or US-7186210-\$ or US-4690134-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/16 14:02
S47	12	S46 and patch	US-PGPUB; USPAT	OR	ON	2009/11/16 14:02
S48	106	attached near10 (diastolic)	US-PGPUB; USPAT	OR	ON	2009/11/16 14:08

S49	63	attached near10 (diastolic) and (patch or sleeve or mesh)	US-PGPUB; USPAT	OR	ON	2009/11/16 14:08
S52	8	(attached adj during) near10 disto\$9	US-PGPUB; USPAT	OR	ON	2009/11/16 14:11
S53	40	(attached near5 during) near10 disto\$9	US-PGPUB; USPAT	OR	ON	2009/11/16 14:11
S54	6	(attached near5 during) near10 disto\$9 and (cardiac or heart)	US-PGPUB; USPAT	OR	ON	2009/11/16 14:12
S55	0	(attached near5 during) near10 distole and (cardiac or heart)	US-PGPUB; USPAT	OR	ON	2009/11/16 14:12
S56	0	(attached near5 during) near10 distole	US-PGPUB; USPAT	OR	ON	2009/11/16 14:13
S57	6	(attached near5 during) near10 diastolic	US-PGPUB; USPAT	OR	ON	2009/11/16 14:13
S58	15	((placed or attach\$3 or secured) near5 during) near10 diastolic	US-PGPUB; USPAT	OR	ON	2009/11/16 14:14
S59	6	((implant\$3) near5 during) near10 diastolic	US-PGPUB; USPAT	OR	ON	2009/11/16 14:15
S60	5	"fabric patch girdle"	US-PGPUB; USPAT	OR	ON	2009/11/16 16:09
S61	0	"fabric patch girdle"	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/16 16:10
S62	1	"fabric patch" near7 girdle	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/16 16:13
S63	3	("5169381" "5738627" "5749839").PN.	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/16 16:18
S64	5	"fabric patch girdle"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 16:21
S65	6	"fabric patch" near7 "girdle"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 16:21

S66	209	(attach\$2 or secure\$3) near10 diasto\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 16:33
S67	59	((attach\$2 or secure \$3) near10 diasto\$4) and "cardiac cycle"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 16:33
S68	29	((implant) near10 diasto\$4) and "cardiac cycle"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 16:42
S69	47	(US-20060063964-\$ or US-20040010180-\$ or US-20040167375-\$ or US-20010016675-\$ or US-20060276683-\$ or US-20040267086-\$). did. or (US-6101412-\$ or US-5087243-\$ or US-7494459-\$ or US-3034501-\$ or US-3513836-\$ or US-4621617-\$ or US-5119804-\$ or US-5131905-\$ or US-5169381-\$ or US-5533958-\$ or US-5558617-\$ or US-5738627-\$ or US-6076013-\$ or US-6095968-\$ or US-6432039-\$ or US-6540659-\$ or US-6572534-\$ or US-6602182-\$ or US-6626821-\$ or US-6682474-\$ or US-6730016-\$ or US-6808483-\$ or US-6045497-\$ or US-6183411-\$ or US-6402679-\$ or US-6409760-\$).did. or (US-6425856-\$ or US-6508756-\$ or US-6547821-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/11/17 08:44

		6592619-\$ or US- 6595912-\$ or US- 3983863-\$ or US- 5192314-\$ or US- 5385528-\$ or US- 5702343-\$ or US- 5800528-\$ or US- 6085754-\$ or US- 6264602-\$ or US- 6293906-\$ or US- 7186210-\$ or US- 4690134-\$).did.				
S70	32	dubi.in.	US-PGPUB; USPAT	OR	ON	2009/11/17 08:54
S71	48	(US-20060063964-\$ or US-20040010180-\$ or US-20040167375-\$ or US-20010016675-\$ or US-20060276683-\$ or US-20040267086-\$ or US-20080071133-\$). did. or (US-6101412-\$ or US-5087243-\$ or US-7494459-\$ or US- 3034501-\$ or US- 3513836-\$ or US- 4621617-\$ or US- 5119804-\$ or US- 5131905-\$ or US- 5169381-\$ or US- 5533958-\$ or US- 5558617-\$ or US- 5738627-\$ or US- 6076013-\$ or US- 6095968-\$ or US- 6432039-\$ or US- 6540659-\$ or US- 6572534-\$ or US- 6602182-\$ or US- 6626821-\$ or US- 6682474-\$ or US- 6730016-\$ or US- 6808483-\$ or US- 6045497-\$ or US- 6183411-\$ or US- 6402679-\$ or US- 6409760-\$).did. or (US- 6425856-\$ or US- 6508756-\$ or US- 6547821-\$ or US- 6592619-\$ or US- 6595912-\$ or US- 3983863-\$ or US-	US-PGPUB; USPAT	OR	ON	2010/06/03 11:41

		5192314-\$ or US- 5385528-\$ or US- 5702343-\$ or US- 5800528-\$ or US- 6085754-\$ or US- 6264602-\$ or US- 6293906-\$ or US- 7186210-\$ or US- 4690134-\$).did.				
S72	19	S71 and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2010/06/03 11:44
S73	57	607/16.ccls. and @ad <= "20031031"	US-PGPUB; USPAT	OR	ON	2010/06/03 11:52
S74	1	607/16.ccls. and @ad <= "20031031" and (sheet or piece or layer) and (vacuum)	US-PGPUB; USPAT	OR	ON	2010/06/03 11:53
S75	2	607/16-17.ccls. and @ad <= "20031031" and (sheet or piece or layer) and (vacuum)	US-PGPUB; USPAT	OR	ON	2010/06/03 11:53
S76	0	60/16.ccls. and @ad <= "20031031" and (sheet or piece or layer) and (vacuum)	US-PGPUB; USPAT	OR	ON	2010/06/03 11:56
S77	70	600/16.ccls. and @ad <= "20031031" and (sheet or piece or layer) and (vacuum)	US-PGPUB; USPAT	OR	ON	2010/06/03 11:56
S78	17	600/16.ccls. and @ad <= "20031031" and (sheet or piece or layer or polymer) same (vacuum)	US-PGPUB; USPAT	OR	ON	2010/06/03 12:12
S79	17	600/16.ccls. and @ad <= "20031031" and ((sheet or piece or layer or polymer) same (vacuum))	US-PGPUB; USPAT	OR	ON	2010/06/03 12:13
S80	26	600/16.ccls. and @ad <= "20031031" and ((sheet or piece or layer or polymer or sack or sac) same (vacuum))	US-PGPUB; USPAT	OR	ON	2010/06/03 12:14
S81	134	600/16.ccls. and @ad <= "20031031" and ((sub or negative or below) near2 pressure)	US-PGPUB; USPAT	OR	ON	2010/06/03 12:16

S82	103	600/16.ccls. and @ad <= "20031031" and ((sub or negative or below) near2 pressure) and (ventricle or ventricular)	US-PGPUB; USPAT	OR	ON	2010/06/03 12:17
S83	3083	"ventricular assist"	US-PGPUB; USPAT	OR	ON	2010/06/03 12:37
S84	1435	"ventricular assist" and @ad <= "20031031"	US-PGPUB; USPAT	OR	ON	2010/06/03 12:38
S85	35	"ventricular assist" and @ad <= "20031031" and (polymer or plastic) near4 (sheet or sack)	US-PGPUB; USPAT	OR	ON	2010/06/03 12:38
S86	1295	("ventricular assist" near3 device) and @ad <= "20031031"	US-PGPUB; USPAT	OR	ON	2010/06/03 12:39
S87	205	("ventricular assist" near3 device) and @ad <= "20031031" and (negative near3 pressure)	US-PGPUB; USPAT	OR	ON	2010/06/03 12:40
S88	3	(passive near3 ("ventricular assist" near3 device)) and @ad <= "20031031"	US-PGPUB; USPAT	OR	ON	2010/06/03 12:53

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S89	2	(passive near3 ("ventricular assist" near3 device)) and @ad <= "20031031"	USPAT; UPAD	OR	ON	2010/06/03 12:59
S90	25	"ventricular assist" and @ad <= "20031031" and (polymer or plastic) near4 (sheet or sack)	USPAT; UPAD	OR	ON	2010/06/03 12:59

S91	82	600/16.ccls. and @ad <= "20031031" and ((sub or negative or below) near2 pressure) and (ventricle or ventricular)	USPAT; UPAD	OR	ON	2010/06/03 12:59
S92	163	("ventricular assist" near3 device) and @ad <= "20031031" and (negative near3 pressure)	USPAT; UPAD	OR	ON	2010/06/03 12:59
S93	111	600/16.ccls. and @ad <= "20031031" and ((sub or negative or below) near2 pressure)	USPAT; UPAD	OR	ON	2010/06/03 13:00
S94	183	("ventricular assist" near3 device) and @ad <= "20031031" and ((positive or negative or sub) near3 pressure)	USPAT; UPAD	OR	ON	2010/06/03 13:03

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